

Table 1: The noise level in unit of ADC counts. Two cables stacked together. Underneath the cables is the grounding/shielding copper G10. Kap. denotes Kapton, and PP denotes polypropylene.

space btwn two cables	space btwn btm cable and shielding	top	bottom
no weight	no weight	2.8	2.8
none	525 $\mu\text{m}$ Kap.	3.0	3.0
none	300 $\mu\text{m}$ Kap.	3.3	3.7
225 $\mu\text{m}$ Kap.	300 $\mu\text{m}$ Kap.	3.2	3.6
none	75 $\mu\text{m}$ Kap.	4.3	5.3
none	75 $\mu\text{m}$ Kap. and 400 $\mu\text{m}$ PP mesh	2.8	2.9
225 $\mu\text{m}$ Kap.	75 $\mu\text{m}$ Kap. and 400 $\mu\text{m}$ PP mesh	2.8	2.8
none	75 $\mu\text{m}$ Kap. and 200 $\mu\text{m}$ PP mesh	3.2	3.3